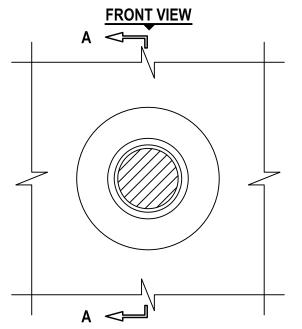
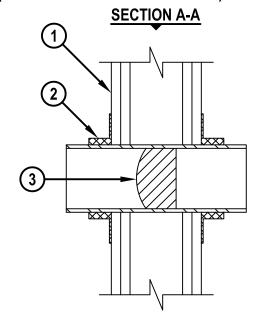
UL/cUL SYSTEM NO. W-L-0023

BLANK OPENING THROUGH "UNIQUE FIRESTOP SLEEVE" IN GYPSUM WALL ASSEMBLY

F-RATING = 1-HR. OR 2-HR. T-RATING = 0-HR.

L-RATING AT AMBIENT = LESS THAN 1 CFM / SQ FT (SEE NOTES NO. 2 AND 3 BELOW)
L-RATING AT 400°F = LESS THAN 1 CFM / SQ FT (SEE NOTES NO. 2 AND 3 BELOW)





- 1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U300, U400, V400, OR W400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN) TO INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 - A. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER (SPACED MAXIMUM 16" OC). STEEL STUDS TO BE MINIMUM 3-1/2" WIDE (SPACED MAXIMUM 24" OC).
 - B. NOMINAL 5/8" THICK GYPSUM WALLBOARD. TYPE, NUMBER OF LAYERS, AND SHEET ORIENTATION AS SPECIFIED IN THE INDIVIDUAL UL DESIGN.
- 2. UNIQUE FIRESTOP PRODUCTS, DIVISION OF "IT'S UNIQUE" INC. SMOOTH SLEEVE, THREADED SLEEVE, OR SPLIT SLEEVE (2" AND 4" SIZES).
- 3. ONE HILTI CFS-PL FIRESTOP PLUG OR HILTI CP 658T FIRESTOP PLUG INSTALLED TIGHTLY WITHIN SLEEVE AND CENTERED WITHIN WALL. WHEN SPLIT SLEEVE IS USED, INSTALL TWO HILTI CFS-PL FIRESTOP PLUGS OR HILTI CP 658T FIRESTOP PLUGS, FLUSH WITH BOTH ENDS OF SLEEVE.
- NOTES: 1. MAXIMUM DIAMETER OF OPENING IN WALL FOR 2" AND 4" SIZES ARE 2-7/16" AND 4-1/2", RESPECTIVELY.
 - 2. WHEN L-RATING IS DESIRED, APPLY 1/4" BEAD HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT, HILTI CP 601S ELASTOMERIC FIRESTOP SEALANT, HILTI CP 606 FLEXIBLE FIRESTOP SEALANT, HILTI CFS-S SIL GG FIRESTOP SILICONE SEALANT, OR HILTI CP 618 FIRESTOP PUTTY STICK AT SLEEVE/GYPSUM BOARD INTERFACE OR AT THE COUPLER/GYPSUM BOARD INTERFACE, AND AT THE COUPLER/SLEEVE INTERFACE ON BOTH SIDES OF WALL.
 - 3. L-RATING APPLIES ONLY WHEN SMOOTH SLEEVE OR THREADED SLEEVE, AND FIRESTOP SEALANT/PUTTY IS USED.



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Scale	5/32" = 1"
Date	Jan. 10, 2015

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